

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	12298	((428/690,917) or (313/504,506) or (257/40,E51.049, E51.051)).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/05/25 14:34
L2	30803	conduction with (level or band)	US-PGPUB; USPAT	OR	ON	2009/05/25 14:35
L3	11706	valence with (level or band)	US-PGPUB; USPAT	OR	ON	2009/05/25 14:35
L4	61089	(energy or band) with gap	US-PGPUB; USPAT	OR	ON	2009/05/25 14:36
L5	14702	(dopant or guest) with first with second	US-PGPUB; USPAT	OR	ON	2009/05/25 14:36
L6	35	5 same 2 same 3	US-PGPUB; USPAT	OR	ON	2009/05/25 14:36
L7	14	6 same 4	US-PGPUB; USPAT	OR	ON	2009/05/25 14:37
L8	21	6 not 7	US-PGPUB; USPAT	OR	ON	2009/05/25 14:37
L9	12235	(dopant or guest) with (combination or mixture)	US-PGPUB; USPAT	OR	ON	2009/05/25 14:37
L10	11	9 same 2 same 3	US-PGPUB; USPAT	OR	ON	2009/05/25 14:38
L11	9	10 not 6	US-PGPUB; USPAT	OR	ON	2009/05/25 14:38
L12	125097	(fluores\$5 or (light with (emit\$5 or emiss\$5))) with ((first with second) or combination or mixture)	US-PGPUB; USPAT	OR	ON	2009/05/25 14:41

L13	87	12 same 2 same 3	US- PGPUB; USPAT	OR	ON	2009/05/25 14:41
L14	55	13 and 4	US- PGPUB; USPAT	OR	ON	2009/05/25 14:41
L15	51	14 not (6 or 10)	US- PGPUB; USPAT	OR	ON	2009/05/25 14:41
L16	32	13 not (6 or 10 or 14)	US- PGPUB; USPAT	OR	ON	2009/05/25 14:41
L17	229	homo same (5 or 9 or 12)	US- PGPUB; USPAT	OR	ON	2009/05/25 14:56
L18	165	lumo same (5 or 9 or 12)	US- PGPUB; USPAT	OR	ON	2009/05/25 14:56
L19	143	17 and 18	US- PGPUB; USPAT	OR	ON	2009/05/25 14:57
L20	142	19 not (6 or 10 or 13)	US- PGPUB; USPAT	OR	ON	2009/05/25 14:57
L21	5677	capture with electron	US- PGPUB; USPAT	OR	ON	2009/05/25 15:04
L22	615	21 and (5 or 9 or 12)	US- PGPUB; USPAT	OR	ON	2009/05/25 15:05
L23	55	1 and 22	US- PGPUB; USPAT	OR	ON	2009/05/25 15:05
L24	11077	(3 or homo) same (2 or lumo)	US- PGPUB; USPAT	OR	ON	2009/05/25 15:06
L25	1518	1 and 24	US- PGPUB; USPAT	OR	ON	2009/05/25 15:06
L26	979	4 and 25	US- PGPUB; USPAT	OR	ON	2009/05/25 15:06
L27	627	26 and (5 or 9 or 12)	US- PGPUB; USPAT	OR	ON	2009/05/25 15:07

L28	547	27 not (6 or 10 or 13 or 19)	US- PGPUB; USPAT	OR	ON	2009/05/25 15:07
L29	434	28 and blue	US- PGPUB; USPAT	OR	ON	2009/05/25 15:10
L30	117775	blue with (light or emit \$5 or emiss\$5)	US- PGPUB; USPAT	OR	ON	2009/05/25 15:10
L31	2543	30 and (3 or homo) and (2 or lumo)	US- PGPUB; USPAT	OR	ON	2009/05/25 15:11
L32	917	31 and (styrylamine or aminostyryl or fused or condensed or arylamine)	US- PGPUB; USPAT	OR	ON	2009/05/25 15:12
L33	580	32 not (6 or 10 or 13 or 19 or 27)	US- PGPUB; USPAT	OR	ON	2009/05/25 15:12
L34	7609	(5 or 9 or 12) and ((inhibit or decreas \$5) same crystal\$5)	US- PGPUB; USPAT	OR	ON	2009/05/25 15:16
L35	232	1 and 34	US- PGPUB; USPAT	OR	ON	2009/05/25 15:16
L36	218	35 and organic	US- PGPUB; USPAT	OR	ON	2009/05/25 15:17
L37	32200	(5 or 9 or 12) and ((improv\$5 or increas \$5) same (stabil\$5 or life or lifetime or half-life))	US- PGPUB; USPAT	OR	ON	2009/05/25 15:18
L38	2886	1 and 37	US- PGPUB; USPAT	OR	ON	2009/05/25 15:18
L39	2820	38 and organic	US- PGPUB; USPAT	OR	ON	2009/05/25 15:18
L40	326	32 and 39	US- PGPUB; USPAT	OR	ON	2009/05/25 15:19
L41	1669	(5 or 9 or 12) same ((improv\$5 or increas \$5) same (stabil\$5 or life or lifetime or half-life))	US- PGPUB; USPAT	OR	ON	2009/05/25 15:21

L42	411	(5 or 9 or 12) same ((inhibit or decreas \$5) same crystal\$5)	US- PGPUB; USPAT	OR	ON	2009/05/25 15:22
L43	10	1 and 42	US- PGPUB; USPAT	OR	ON	2009/05/25 15:22
L44	500	1 and 41	US- PGPUB; USPAT	OR	ON	2009/05/25 15:22
L45	495	44 and organic	US- PGPUB; USPAT	OR	ON	2009/05/25 15:22
L46	45	32 and 45	US- PGPUB; USPAT	OR	ON	2009/05/25 15:22

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